

Patent Abstracts of Japan

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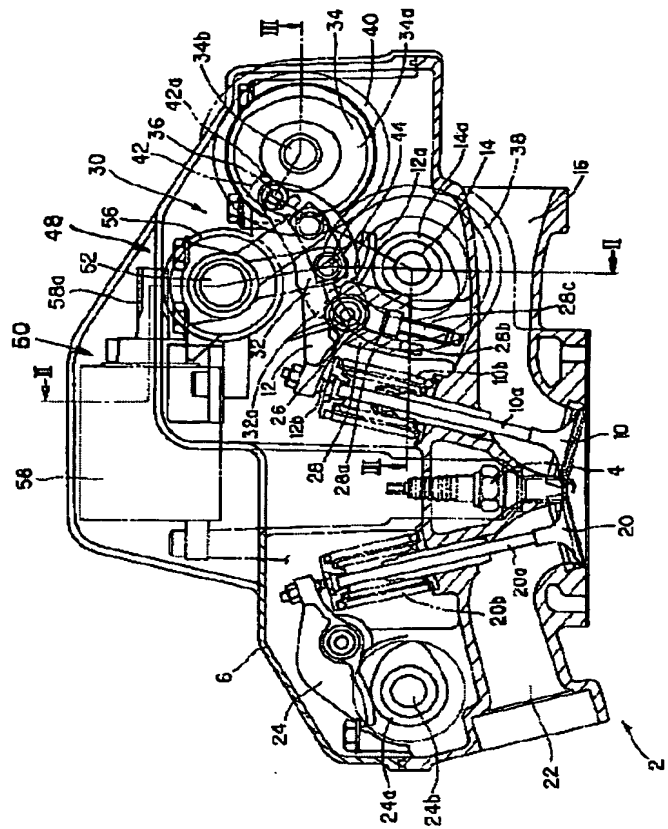
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TITLE : CONTINUOUSLY VARIABLE VALVE
DEVICE OF ENGINE



ABSTRACT : PROBLEM TO BE SOLVED: To provide a continuously variable valve device of an engine that dispenses with an expensive three-dimensional cam, reduces or eliminates change over shock and shock sound without using a change over device from a zero lift to a maximum lift, and resembles a lift curve from the zero lift to the maximum lift to eliminate sharpness of lift curve crest part to prevent jump.

SOLUTION: A shaft position changing member 30 has a rocker arm (regulating member) 32 for controlling a rocker arm fulcrum that is disposed over an intake side rocker arm shaft 26 and regulates the rocker arm shaft 26 to a position responsive to an engine operation state at its one end 32a. Rocking of the rocker arm 32 changes one end position of the rocker arm 32 to continuously control the rocker arm shaft 26 position in response to the engine operation state.

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